

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	(waveguide and gas near3 laser and distance and first and second and zigzag and ceramic near3 block).clm.	US-PGPUB	OR	OFF	2005/09/08 13:28
L2	1	(waveguide and gas near3 laser and lateral near3 extension and zigzag and ceramic near3 block).clm.	US-PGPUB	OR	OFF	2005/09/08 13:28
S1	3	((("5140606") or ("5353297") or ("6192061"))).PN.	US-PGPUB; USPAT	OR	OFF	2005/09/07 14:45
S2	0	folded near3 waveguide and gas near3 laser and preioni\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/07 14:45
S3	0	folded near3 waveguide\$1 and gas near3 laser and preioni\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/07 14:46
S4	48	waveguide\$1 and gas near3 laser and preioni\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/07 15:00
S5	42	folded near3 waveguide\$1 and gas near3 laser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/07 15:22
S6	264	372/86.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/07 15:22
S7	279	372/64.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/07 16:37
S8	1403	372/55.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/07 16:38
S9	1370	S8 not S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/07 16:38

S10	1343	S9 not S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/07 16:39
S11	158	S10 and (ignit\$3 or preioni\$7)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/07 16:57
S12	1185	S10 not S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/07 18:21
S13	1955	john near3 kennedy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/07 18:22
S14	20	john near3 kennedy and gas near3 laser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/07 18:23
S15	18	lanny near3 laughman and gas near3 laser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/07 18:27
S16	19	anthony near3 demaria and gas near3 laser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/07 18:28
S17	1	ronald near3 straayer and gas near3 laser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/07 18:28



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» Key

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IEE JNL IEE Journal or Magazine
IEEE CNF IEEE Conference Proceeding
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Cohen, S.;
Quantum Electronics, IEEE Journal of
Volume 12, Issue 4, Apr 1976 Page(s):237 - 244
Summary: Using a simple rate equation approach we examine the gas kinetic properties of waveguide CO₂lasers. We calculate the dependence of the popu and laser small-signal gain on gas pressure, gas mixture, pumping rat.....
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- ☐ 2. **Discharge-induced frequency modulation of RF excited CO₂ waveguide l**
Colley, A.D.; Abramski, K.M.; Baker, H.J.; Hall, D.R.;
Quantum Electronics, IEEE Journal of
Volume 27, Issue 7, July 1991 Page(s):1939 - 1945
Digital Object Identifier 10.1109/3.83396
Summary: The mechanisms causing a shift in the oscillation frequency of an F waveguide laser through changes in the discharge excitation power are investi shifts in the range of ± 0.5 to 1 MHz per watt of RF input.....
[AbstractPlus](#) | Full Text: [PDF](#)(624 KB) IEEE JNL
- ☐ 3. **Hollow-waveguide gas sensing with room-temperature quantum cascade**
Charlton, C.; de Melas, F.; Inberg, A.; Croitoru, N.; Mizaikoff, B.;
Optoelectronics, IEE Proceedings-
Volume 150, Issue 4, Aug 2003 Page(s):306 - 309
Digital Object Identifier 10.1049/ip-opt:20030673
Summary: The application of a room-temperature-operated distributed-feedba cascade laser (DFB-QCL), coupled with a silica hollow waveguide for small-vol is demonstrated. An internally silver-coated silica capillary, with a length of 4....
[AbstractPlus](#) | Full Text: [PDF](#)(274 KB) IEE JNL
- ☐ 4. **Low loss AlN (aluminum nitride) waveguide and AlN (aluminum nitride) w**
CO/sub 2/ laser
Matsushima, T.; Kawanabe, J.; Saimi, S.; Cho, Y.;
Infrared and Millimeter Waves, 2002. Conference Digest. Twenty Seventh Inter Conference on
22-26 Sept. 2002 Page(s):313 - 314
Digital Object Identifier 10.1109/ICIMW.2002.1076210
Summary: A hollow dielectric waveguide using AlN (aluminum nitride) is teste compact CO/sub 2/ laser that is expected to be used for ultra-high sensitivity/re measurement of carbon dioxide concentration in atmospheric air. The attenuat

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All = "waveguide" AND "laser"

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338056	Holographic cover plate laser power monitor	
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